



#5/a  
Davis  
09-04-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jon A. Wolff, )  
Sean D. Monahan, James E. Hagstrom, )  
Paul M. Slattum, Vladimir Budker, )  
Vladimir Trubetskoy )

Serial No.: 09/234,606 )

Examiner: D. Nguyen

Filed: January 21, 1999 )

Group Art Unit: 1633 )

For: Chelating Systems for Use in the Delivery of Compounds to Cells

AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

This Amendment responds to the Office Action dated February 15, 2000. Kindly amend the application as follows:

In the Claims:

Please delete claim 2 and amend claim 1 as follows:

- 1) A process for [the] delivery of a polymer [compound] to a cell, comprising:
- a) associating a chelator with [a] the polymer;
  - b) delivering the polymer to the inside of the cell.
- 3) The process of claim [2] 1 wherein the [first] polymer [and the second polymer comprise] is selected from the group consisting of nucleic acids, proteins, genes, antisense polymers, DNA/RNA hybrids, synthetic polymers.
- 4) The process of claim 3 wherein the chelator comprises a crown ether [system].
- 5) The process of claim 4 [wherein the crown ether system comprises] further comprising covalently binding the crown ether to the [second] polymer.